Packet-Radio Digest   Thu, 15 Apr 93   Volume 93 : Issue 102

Today's Topics:
                11th Computer Network Conference?
                     Cable TVI interference
                            gateway
                     MSYS 1.14; is it out?
                   Time for AX25 version 3 ?
                   WAFFLE for Packet Radio??

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 15 Apr 1993 01:56:12 GMT
From: panix!kb7uv@nyu.arpa
Subject: 11th Computer Network Conference?
To: packet-radio@ucsd.edu

In <2631@forty2.physik.unizh.ch> klotz@forty2.physik.unizh.ch (Hans Klotz) writes:

>Until last year, the protocols of the annual computer nework conference
> outld be obtained from the ARRL. However, the last few issues of the ARRL-ad
>in the qst-magazine (I could not scan them through systematically), did not
>mention any of the protocols. (This applies als to earlier protocols.)
>So I have the following questions: Did the computer network conference
>fade away? If not, where can I get the protocols?

>Thanks in advance
>73 de HB9MKO

The Proceedings of this conference should be available from the ARRL.
they did publish them, and there were over a hundered left after the
Conference.   So, give them a call or write to ARRL HQ!

73, Andy
--
          _____ Andrew Funk, KB7UV _____
          | Chair, Radio Amateur Telecommunications Society (RATS) |
          | ENG Editor/Microwave Control, WCBS-TV Channel 2 News, New York |
          | Internet: kb7uv@panix.com   Packet: kb7uv@kb7uv.#nli.ny.usa |

Date: Wed, 14 Apr 1993 13:28:09 GMT
From: swrinde!zaphod.mps.ohio-state.edu!darwin.sura.net!knuth.mtsu.edu!raider!
theporch!jackatak!jackhill@network.UCSD.EDU
Subject: Cable TVI interference
To: packet-radio@ucsd.edu

victor@inqmind.bison.mb.ca (Victor Laking) writes:
> Do you know what frequencies chanels 17 to 19 use and what is usually
> allocated to those frequencies for broadcast outside of cable?

Geez. We need to add this to the FAQ:
CATV Channel 17   138-144Mhz
CATV Channel 18   144-150Mhz
CATV Channel 19   150-156Mhz

I dunno about Canada, but channel 18 sure looks familiar! ;^)

+---+
Jack GF Hill	Voice: (615) 459-2636 - Bicycling and SCUBA Diving
P. O. Box 1685	Modem: (615) 377-5980 - Compu$erve 76427,31
Brentwood, TN 37024	jackhill@jackatak.raider.net - Ham Call: W4PPT
+---+

Date: 15 Apr 93 04:25:15 GMT
From: news-mail-gateway@ucsd.edu
Subject: gateway
To: packet-radio@ucsd.edu

Can you provide the Internet address of an E-mail interface

in California to the packet bbs network?

baucum@panix.com   (Bill Baucum WA6YWS)

Date: Thu, 15 Apr 93 02:29:12 EDT
From: usc!howland.reston.ans.net!usenet.ins.cwru.edu!wariat.org!dreaml!
jga@network.UCSD.EDU
Subject: MSYS 1.14; is it out?
To: packet-radio@ucsd.edu

Glenn.Butzlaff <Glenn.Butzlaff@mixcom.mixcom.com> writes:

| Hello to the network
|
| I heard from a local bbs sysop that MSYS 1.14 was available on some
| ham oriented LL bbs'. Does anyone know if it can be ftp'd from any
| site? Any info would be appreciated. Thanks in advance.

I will try and grab a copy when it's released and put it up at Simtel20.
It will also be available at wariat.org at least for a limited time. I'll
announce when I get it up to the ftp sites.

73, Jon - N8USK
n8usk@n8usk.ampr.org
[44.70.5.11] 144.97 in Northeast Ohio

--
| | | | -Jon Anhold N8USK- @ Dreamland Network Systems
+-*-+--+--+   (dreaml!jga) (jga@dreaml.wariat.org) AMPR: N8USK @ NO8M
| # | | | <"Wouldn't it be great if George Bush booby trapped the White>
  #   <   House like the kid in Home Alone 2?"   >

Date: Wed, 14 Apr 1993 22:00:41 GMT
From: pipex!sunic!celsiustech.se!admin.kth.se!kth.se!lysator.liu.se!
pme@uunet.uu.net
Subject: Time for AX25 version 3 ?
To: packet-radio@ucsd.edu

I have been hacking AX25 the last few days. I realised that ax25 version 2
do _NOT_ have sliding window technology. We chould increase our network
with that techology. Espesial on links with lot of lost packets.
It should not be hard to do. Is there any work on the next version ?
Who have done the worko with version 2? The document I have is
from 1984 ! Time do some thing.

Date: Thu, 15 Apr 1993 08:33:34 GMT
From: news.univie.ac.@!cosy.sbg.ac.@!news@uunet.uu.net
Subject: WAFFLE for Packet Radio??
To: packet-radio@ucsd.edu

Hi folks!

I'm new to this group so please don't flame if this question was
asked before.

Since I use waffle (as newsreader) I thought it might be possible
to log into someones computer via packet radion.

Is this possible, anybody with information ??

THANKS to yall!

- Peter

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/--\
| Peter Burgstaller| Student of Computerscience |
| (peter@cosy.sbg.ac.at)| in Salzburg, Austria (Europe) |
| "So Long, and Thanks for All the Fish" (Douglas Adams) |
\--/

Date: Wed, 14 Apr 1993 18:07:37 GMT
From: ucsnews!sol.ctr.columbia.edu!emory!rsiatl!ke4zv!gary@network.UCSD.EDU
To: packet-radio@ucsd.edu

References <1993Apr09.145903.49266@watson.ibm.com>,
<1993Apr11.005402.14265@ke4zv.uucp>, <1993Apr14.080031.15737@qualcomm.com>
Reply-To : gary@ke4zv.UUCP (Gary Coffman)
Subject : Re: Rich Man's Packet ... : -)

In article <1993Apr14.080031.15737@qualcomm.com> karn@servo.qualcomm.com (Phil
Karn) writes:
>
>The WA4DSY transmitter is pretty good, but the receiver really ought
>to be replaced with a DSP engine. Modern DSPs are probably fast enough
>to do a pretty good job of coherent demodulation at 56kb/s (the DSY
>demod only does noncoherent), and today's 386/486 chips are fast
>enough to do some pretty strong FEC in real time at 56kb/s. Let's

>see... 3 dB gain for going coherent, 5-6 dB FEC coding gain (much more
>against non-white noise like radar), another dB or two for a better
>matched filter...pretty soon you're talking about some serious
>performance gains!

All true, but Dale was designing to cost, not ultimate performance. I
doubt the system you describe could be sold on the amateur market for
less than a kilobuck. It'd be nice though.

Gary

--
Gary Coffman KE4ZV | You make it, | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems | we break it. | uunet!rsiatl!ke4zv!gary
534 Shannon Way | Guaranteed! | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244 | |

Date: Wed, 14 Apr 1993 18:01:26 GMT
From: ucsnews!sol.ctr.columbia.edu!emory!rsiatl!ke4zv!gary@network.UCSD.EDU
To: packet-radio@ucsd.edu

References <1993Apr09.145903.49266@watson.ibm.com>,
<1993Apr11.005402.14265@ke4zv.uucp>, <1qcko9INNsme@mojo.eng.umd.edu>
Reply-To : gary@ke4zv.UUCP (Gary Coffman)
Subject : Re: Rich Man's Packet ... : -)

In article <1qcko9INNsme@mojo.eng.umd.edu> tedwards@eng.umd.edu (Thomas Grant
Edwards) writes:
>In article <1993Apr11.005402.14265@ke4zv.uucp> gary@ke4zv.UUCP (Gary Coffman)
writes:
>>In article <1993Apr09.145903.49266@watson.ibm.com> kf5mg@vnet.ibm.com (Jack
Snodgrass) writes:
>>The tricky part is to get a phase linear IF filter for the required
>>bandwidth. That was the most difficult part of the GRAPES modem
>>design. You need a filter that is very phase linear across it's passband,
>>but that has very good adjacent channel rejection.
>
>This sounds like a job for DSP! What are the IF, bandwidth, and rejection
>specs?

A DSP board would cost more than the modem! The IF is 455 kHz, +/- 35 kHz
passband, 26 db down at +/- 50 kHz. Dale found the perfect Toko coils to
make an LC filter that meets the spec.

Gary
--

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Gary Coffman KE4ZV          |    You make it,      | gatech!wa4mei!ke4zv!gary
Destructive Testing Systems |    we break it.      | uunet!rsiatl!ke4zv!gary
534 Shannon Way             |    Guaranteed!       | emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244     |                      |

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End of Packet-Radio Digest V93 #102
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